

Manipulator Task Team ISMS In Action

*I*ntegrated
*S*afety
*M*anagement

... Flow to Activity Level

11A Hot Cell Issues

- 11A Hot Cells Mission
 - Built in 1994 to support SST/DST Sampling
 - Newest Hot Cell Facility in DOE Complex
 - 7 Hot Cells Housing 22 Manipulators
 - 2 Cells with Large Work and Viewing Areas



11A Hot Cell Issues

- Customer Performance Agreements
 - 1998 Increase in Manipulator Breakage
 - Breakage of Key Manipulators
 - Customer Sampling Rate Increase

11A Hot Cell Issues

- Production Obstacles
 - Lack Of Trained Maintenance Personnel
 - Impacts Performance Agreements and Production

11A Hot Cell Issues

- Facility Answer to Problem
 - Create And Empower a Task Team to Work the Issues
 - Dedicate Team Lead and Craft to Repair and/or Replace Manipulators

Manipulator Task Team

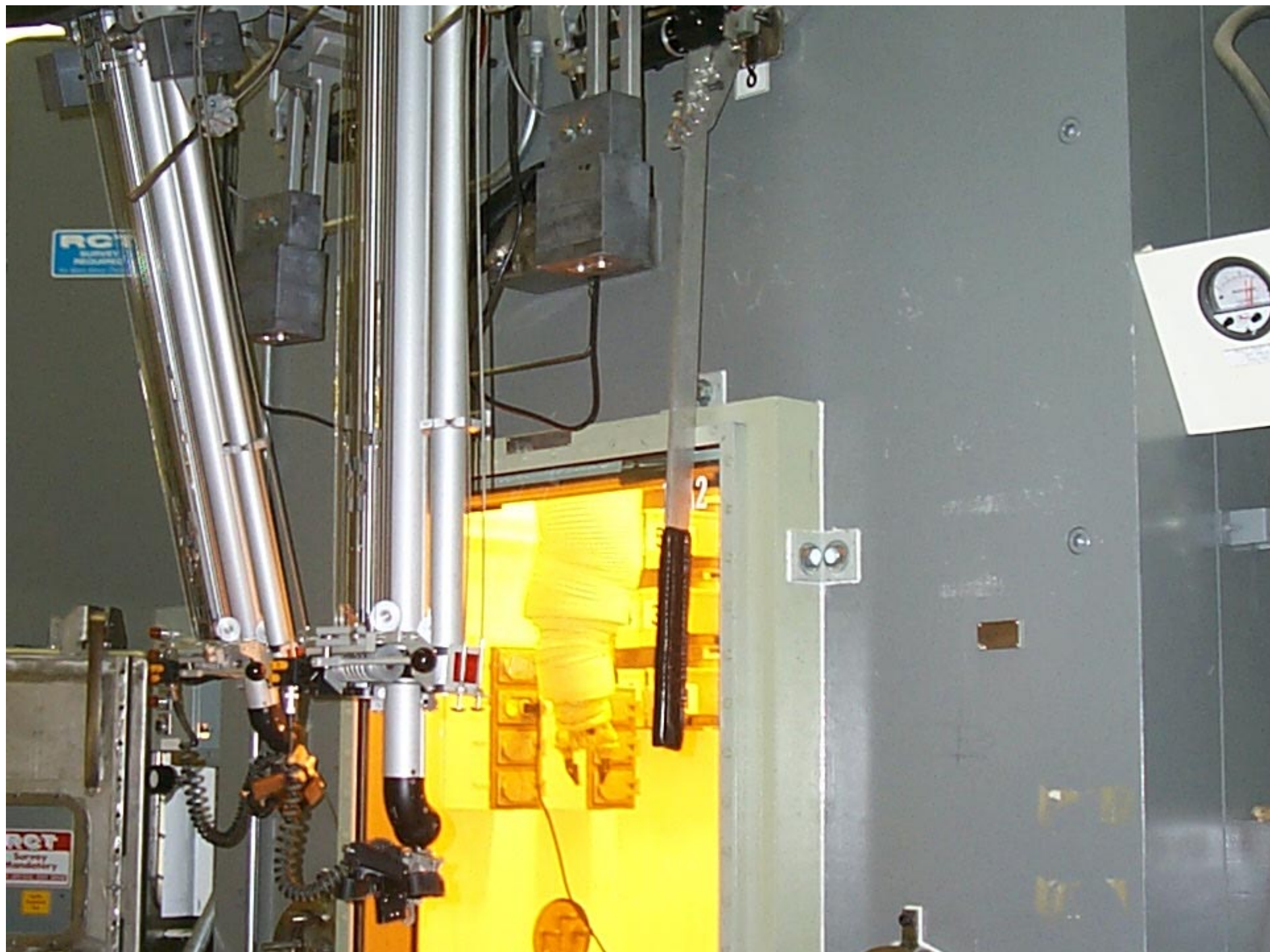
- How the Team was Formed
- Team Members
- Issues
- Team Meetings
- Priorities/Plant Priority System
- Scheduling
- Successes

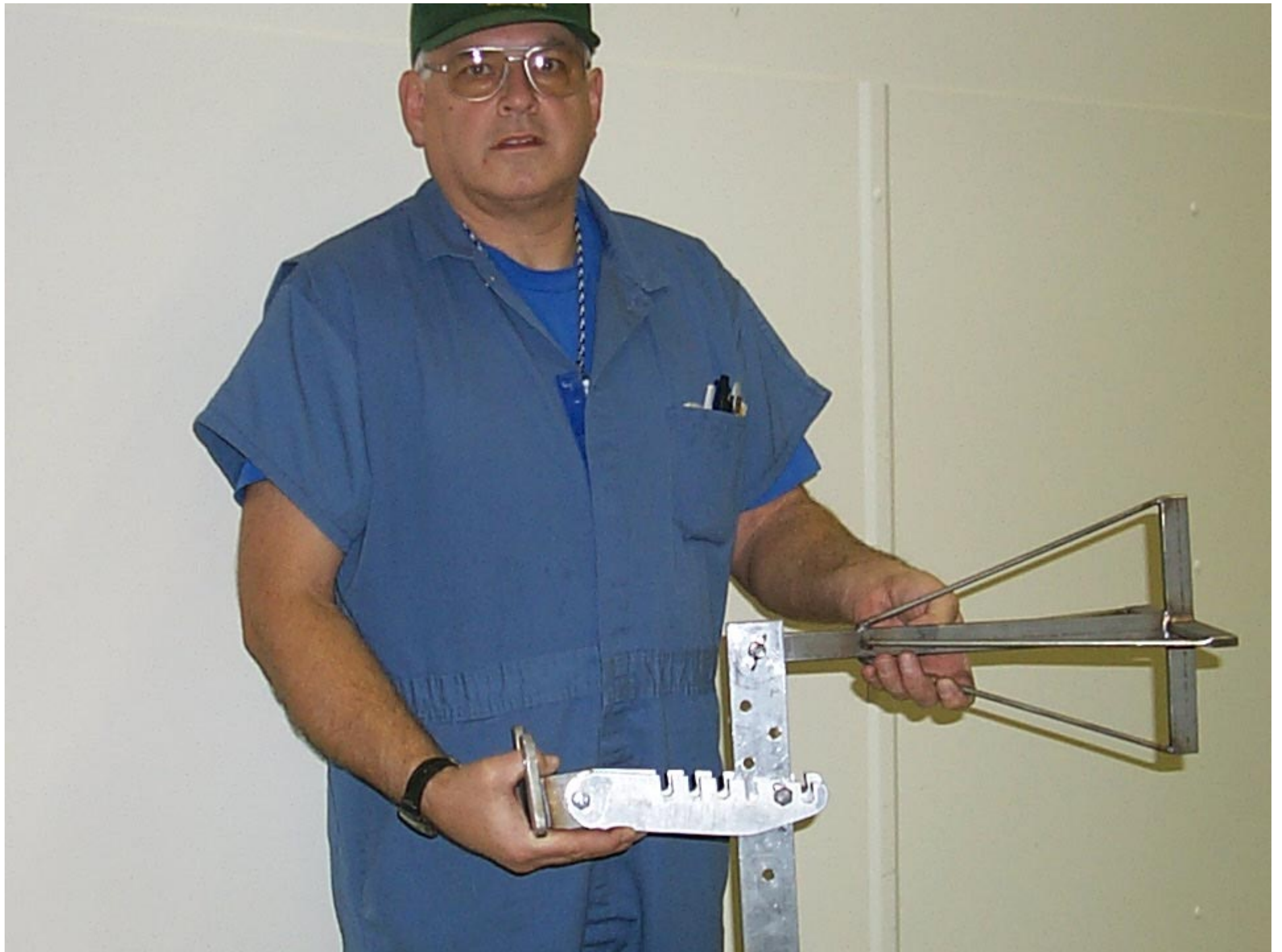
Craft Involvement

- Ownership
- Proactive Problem Solving
- Individual Craftsman Design, Develop, Test and Fabricate Specialized Tools
 - Modified Manipulator Maintenance Stands
 - Designed Manipulator Installation and Boot Removal Tool









Manipulator Task Team Results

- Using Integrated Safety Management Principles the 222-S Lab was able to define our problem, identify hazards, perform work and use feed back to improve our process and deliver timely sample results enabling our customer to meet Performance Agreements.



... Flow to Activity Level